

MODIS sensor Working Group (MsWG) Meeting Summary

March 5, 2008

Attendance: Vince Salomonson, Chris Moeller, Gene Eplee, Gary Toller, James Kuyper, Zhengming Wan, Roy Yi, Brian Wenny, Honda Chen, Aisheng Wu, Junqiang Sun

Scheduled Agenda

Item 1: Recent L1B LUT delivery

- Terra forward update – 5.0.40.2 (02/29/08) – m1/RVS
- Terra Special Ocean LUT – 5.0.38.1_OC2 (02/19/08) – m1/RVS

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations.
- Terra Inclination Maneuver #20 successfully conducted 2008/058 (2/27/08)

Item 3: MCST recent activities

- Aqua Band 29 Detector 2 displayed increased noise after passage through the South Atlantic Anomaly in granule 2008038.1750. After several days the b1 and NEdT have both stabilized at new values. At this time it does not appear that a QA status change is needed. However, as we are preparing this document, starting on 03/03/2008, the noise level of this detector suddenly increased to the level similar to that was observed on 2008038 (02/27/2008). MCST is watching closely on the performance of this detector.

Item 4: Around the Table

- Chris: Discussed recent work and future focus at Univ. Wisconsin (with Dave Tobin) on an AIRS & Aqua-MODIS intercomparison. Special attention is on possible impacts of the spectral differences between the two instruments. Impact of PC x-talk on MODIS is also a concern that might cause some of the differences for PC bands. It is also interesting to use AIRS to examine any changes in MODIS RVS over time. He will look at some special granules sent by MCST to compare MODIS and aircraft crossover measurements to assess the impacts of the cooldown a0/a2 applied to produce these MODIS granules. He considers that it is a good approach that MCST will use IASI/Metop-A to conduct intercomparison as IASI has almost no spectral gaps.
- Vince: currently organizing next MODIS science meeting.

Next Meeting: ~March. 19, 2008